

PROJECT DESCRIPTION
GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A NEW GUIDE SHIELD ASSEMBLY SIGNS AND UPGRADING OF ALL SIGNAL HEADS AT THE INTERSECTION OF MD 193 (UNIVERSITY PKWY) AT 15TH AVENUE IN PRINCE GEORGES COUNTY.

INTERSECTION OPERATION

THERE IS NO CHANGE TO INTERSECTION OPERATION.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. MAJIB SHAJIB, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358
MR. RALEIGH MEDLEY, ASSISTANT DISTRICT ENGINEER- MAINTENANCE
PHONE: (301) 513-7300
MR. AUGIE REBISH, ASSISTANT DISTRICT ENGINEER - UTILITY
PHONE: (301) 513-7300
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. ROBERT SNYDER, ASSISTANT CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7631
MR. ED RODENHIZER, CHIEF OF SIGNAL SHOP
PHONE: (410) 787-7650

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL:

EQUIPMENT LIST

- A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.
ITEM NO. DESCRIPTION

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
9004	FLAT SHEET ALUMINUM SIGNS CONSISTING OF: D3 (2) MODIFIED MAST ARM MOUNTED GUIDE SHIELD ASSEMBLY (30"x51") GUIDE SHIELD ASSEMBLY (48"x75") GUIDE SHIELD ASSEMBLY (60"x60") GUIDE SHIELD ASSEMBLY (72"x36") GUIDE SHIELD ASSEMBLY (72"x36") R10-12(1) (36"x42")	SF EA EA EA EA EA EA EA	141 2 1 1 1 1 1 1

- B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.
ITEM NO. DESCRIPTION

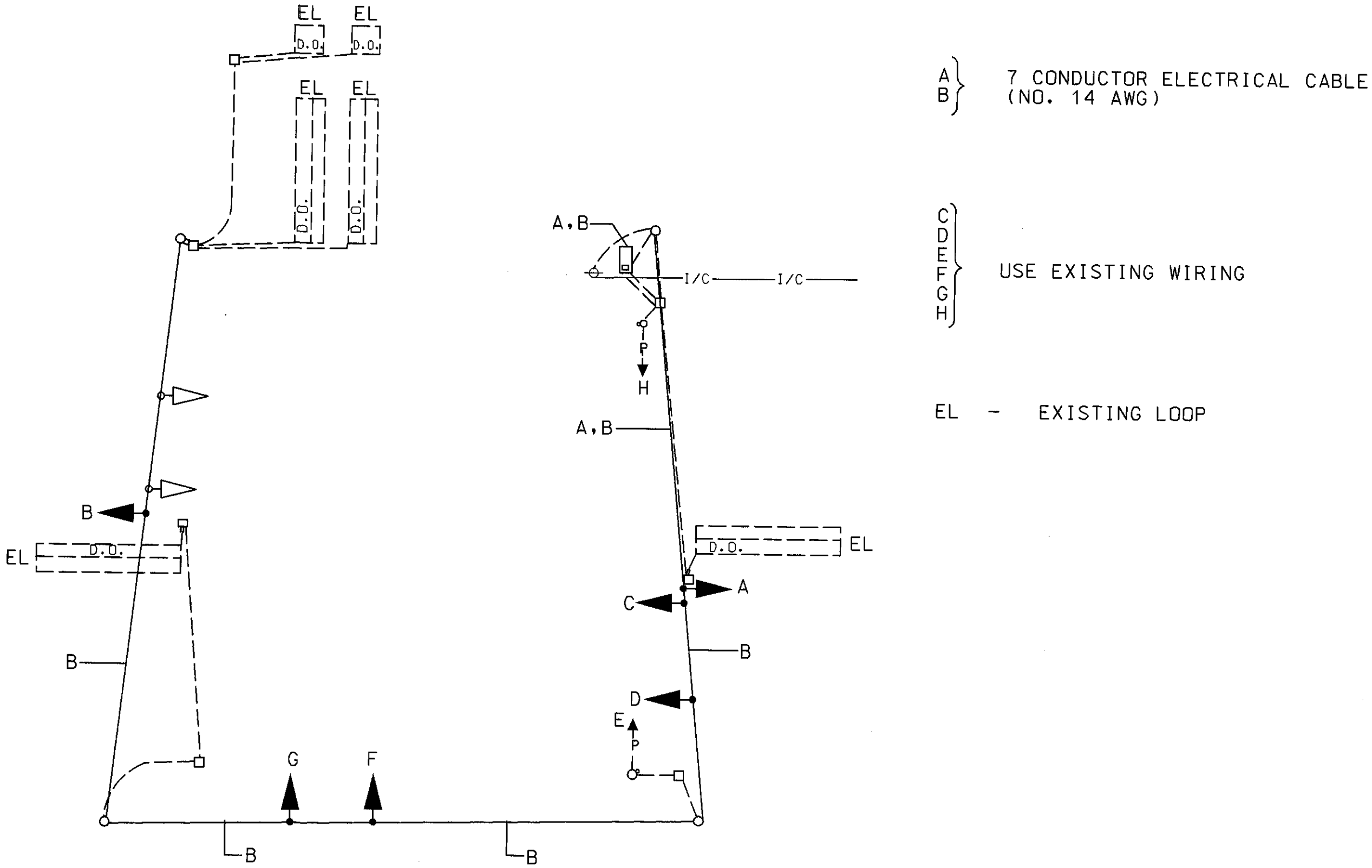
ITEM NO.	DESCRIPTION	UNITS	QUANTITY
1001	MAINTENANCE OF TRAFFIC PER ASSIGNMENT	EA	1
6001	FURNISH AND INSTALL DEPRESSED CURB AND GUTTER	LF	20
6004	FURNISH AND INSTALL 4" SIDEWALK	SF	80
8010	FURNISH AND INSTALL 12 IN PEDESTRIAN SIGNAL HEAD SECTION	EA	4
8011	FURNISH AND INSTALL 12 IN VEHICLE SIGNAL HEAD SECTION	EA	18
8021	FURNISH AND INSTALL 8 IN VEHICLE SIGNAL HEAD SECTION	EA	6
8051	REMOVE AND DISPOSE MATERIAL AND EQUIPMENT PER EACH PER ASSIGNMENT	EA	1
8065	FURNISH AND INSTALL WOOD SIGN SUPPORTS 4 INCH BY 6 INCH	LF	120
8077	INSTALL OVERHEAD SIGNS	SF	141
8087	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (No. 14 AWG)	LF	750
8091	FURNISH AND INSTALL TETHER WIRE	LF	160

- C. MATERIALS TO BE REMOVED BY THE CONTRACTOR.
ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME PROPERTY OF THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
	SIGNS, SIGNAL AND PEDESTRIAN SIGNAL HEADS		

WIRING DIAGRAM

KEY



PHASE CHART

	1	2	3	4	5	6	7	8	9	10
PHASE 1 AND 5	⬅R	⬅R	R	⬅G/R	⬅G/R	R	R	R	DW	DW
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6										
PHASE 1 AND 6	R	R	R	⬅G/G	⬅G/G	G	R	R	DW	DW
1 AND 6 CHANGE	R	R	R	⬅Y/Y	⬅Y/Y	Y	R	R	DW	DW
PHASE 2 AND 5	⬅R/G	⬅R/G	G	R	R	R	R	R	DW	DW
2 AND 5 CHANGE	⬅Y/Y	⬅Y/Y	Y	R	R	R	R	R	DW	DW
PHASE 2 AND 6	G	G	G	G	G	G	R	R	DW	DW
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	DW	DW
PHASE 4	R	R	R	R	R	R	G	G	DW	DW
4 CHANGE	R	R	R	R	R	R	Y	Y	DW	DW
PHASE 4 ALT	R	R	R	R	R	R	G	G	WK	WK
PED CLEAR	R	R	R	R	R	R	G	G	FL/DW	FL/DW
4 ALT CHANGE	R	R	R	R	R	R	Y	Y	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	DARK	DARK

SABRA, WANG & ASSOCIATES, INC.
1506 JOH. AVENUE
SUITE 180
BALTIMORE, MD 21227
(410) 737-8564
WWW.SABRA-WANG.COM

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION PLAN

MD 193 (UNIVERSITY BLVD) AT 15TH ST.

DRAWN BY: ANGELUS BULLOCK	F.A.P. NO. 16019300.74	TS NO. 405 C	SHEET NO. 2 OF 2
CHECKED BY: STEVE RENZI	S.H.A. NO. 16019300.74	COUNTY: PRINCE GEORGES	
SCALE: NTS	LOG MILE: 16019300.74	T.I.M.S. NO. F277	
DATE: SEPTEMBER, 2002			